PROTOOL®

Catalogue 2009/2010

Power. Performance. Protool.

Seen at Ideal Tools.

Contents

Electric Power Tools & Accessories

World-class Brand
Protool stands for quality tools and innovative solutions for the building, renovation and engineering industries. Along with its sister brand Festool, Protool is part of the highly successful Tooltechnic Systems group.

Leading-edge Manufacturing Facility
Protool's state-of-the-art design and manufacturing facilities in Europe employ the latest production methods and technology.

Innovative Tools, Practical Solutions
Our new QuaDrive cordless range is a perfect example. Its market-leading brushless motor and Li-ion battery technology give you the fastest, best performing drill/drivers in their class.

Peace of Mind
Protool offers you a full 3-year warranty when you return the completed warranty form within 30 days of purchase.

Reliable products, reliable partner – that's Protool.

Page

Drilling & fastening

Cordless drills & hammer drill 3

Cordless multi-drivers 8

Electric drills & hammer drills 10

Drill stands 15

Stirring & mixing

Stirrers 16

Stirring rods 19

Concrete & masonry renovation

Surface renovation grinders 20

Surface restoration accessories 23

Dust extraction

Concrete/masonry dust extractors 24

General wet/dry dust extractors 26

Grinding, cutting

Angle grinders 28

Metal shears 32

Straight grinder 32

Sawing

Circular saws 33

Accessories: Saw blades 35

QuaDrive: the fastest cordless drills - anywhere.

The new PROTOOL Quadrive cordless drill range features a unique 4-speed gearbox that delivers the speed and torque you'd expect from an electric drill.

Yet it's compact size and light weight make it ergonomic as well. You'll really appreciate it after a long day on site, when the tool still feels as light as a feather in your hands.

Precise, fatigue-free work: the electronic torque shut-off.
Select one of the 12 settings, and when the torque limit is reached, the electronics stop the drill - so there's no mechanical wear.

Instant bit change. The FastFix interface.
Change out chucks/optional angle adapter with just one click with FastFix.

Small, light, multi-talented. The CENTROTEC chuck.
It is smaller and lighter than conventional chucks. Bits and drill bits are simply inserted and locked in.

Practically indestructible! The metal gear unit.
Only metal gears can stand up to the enormous forces and rotational speeds of the PROTOOL EC-TEC motor in the long term.

No slipping!
All contact surfaces are coated with rubber, for comfortable operation, protection against scratches and marks and to keep it from sliding off the roof!

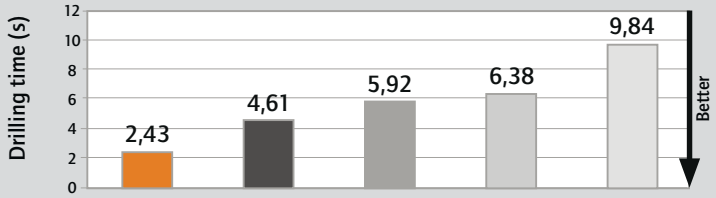
Absolute control. The ergonomic highlights.
PROTOOL has an integrated belt clip (for right and left handers) and a bit holder. With a softgrip side handle, you always have the tool and your work under control.

Brushless EC-TEC motor:
- Longest possible service life
- Unmatched efficiency

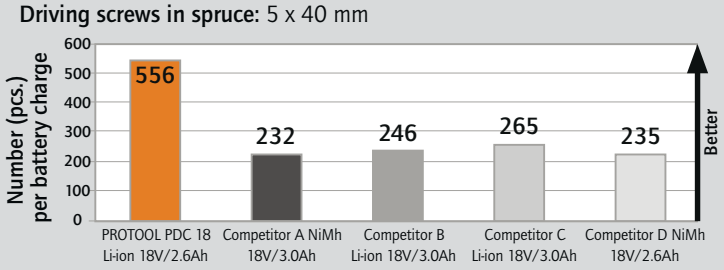
Lithium-ion battery:
- Top energy concentration at lowest possible weight
- No memory effect

Perfect on their own – unbeatable together:
- up to 50 % faster drilling speed
- up to 100 % more efficient for fastening

Drilling in steel: diameter 4 mm/depth 5 mm



Driving screws in spruce: 5 x 40 mm



Source: PROTOOL testing laboratory 2007.

QuaDrive faster, more versatile cordless drills

DRC 15-4 TEC Li

Fastest cordless drill on the market - unique 4-speed gearbox

- 3,800 rpm in 4th gear - for fast, clean precise drilling in wood or steel
- 55 Nm torque in 1st gear - for driving large diameter fasteners
- highly versatile - 4-speed gearbox and FastFix chuck system
- drives more screws per charge - EC TEC motor and Li-ion battery
- easy access in tight spaces with optional angle attachment (sold separately)

Includes: Keyless chuck, CENTROTEC chuck & bit holder, 2 x 2.6 Ah Li-ion battery, charger

Set version also includes: FastFix angle attachment AU-DRP 16

Specifications

Battery voltage/capacity	14.4V Li-ion /2.6 Ah
Speed 1st-4th gear	0-400/850/1850/3800 rpm
Max drill Ø in wood/metal	45/12 mm
Torque hard/soft	55/35 Nm
Chuck capacity	1.5-13 mm
Weight (incl. CENTROTEC chuck)	1.7 kg

DRC 15-4 TEC LI **636 491**

DRC 15-4 TEC LI SET **636 491S**

Both models come in a Systainer

DRC 18-4 TEC Li

Fastest cordless drill on the market - power to handle any job

- 3,800 rpm in 4th gear - for fast, clean precise drilling in wood or steel
- 60 Nm torque in 1st gear - for driving large diameter fasteners
- highly versatile - 4-speed gearbox and FastFix chuck system
- drives more screws per charge - EC TEC motor and Li-ion battery
- easy access in tight spaces with optional angle attachment (sold separately)

Includes: Keyless chuck, CENTROTEC chuck & bit holder, 2 x 2.6 Ah Li-ion battery, charger, side handle

Set version also includes: FastFix angle attachment AU-DRP 16

Specifications

Battery voltage/capacity	18V Li-ion /2.6 Ah
Speed 1st-4th gear	0-400/850/1850/3800 rpm
Max drill Ø in wood/metal	50/12 mm
Torque hard/soft	60/40 Nm
Chuck capacity	1.5-13 mm
Weight (incl. CENTROTEC chuck)	1.8 kg

DRC 18-4 TEC LI **636 492**

DRC 18-4 TEC LI SET **636 492S**

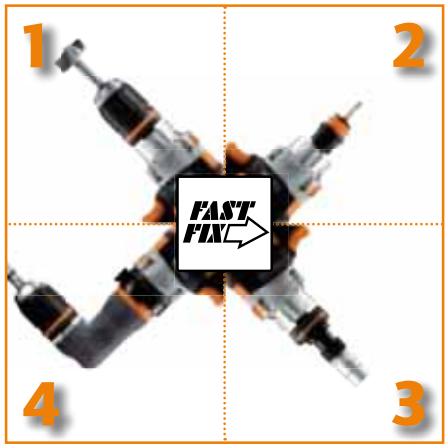
Both models come in a Systainer

DRC QuaDrive Cordless Drill:

The DRC 18-4 surpasses all other cordless drills: 3,800 rpm in 4th gear and up to 60 Nm torque in 1st gear !

- **drives more screws per charge** its brushless EC-TEC motor, Li-ion baterries and advanced electronics make the DRC incredibly efficient

- a **versatile, drill/driving system** FastFix chuck change system, CENTROTEC chuck and optional angle attachment let you configure the drill to suit your application.



QuaDrive compact, powerful cordless hammer drill

PDC 18-4 TEC Li

Ideal for the building site - fastest drill/driving in concrete and wood

PDC QuaDrive Cordless Hammer Drill:

The ultimate hammer drill for all building trades, the PDC 18-4 combines the speed and torque performance of an electric drill with the freedom of a cordless. With its EC-TEC brushless motor, advanced electronics and Li-ion batteries, it's incredibly lightweight and energy efficient - driving up to twice as many screws per charge than competitor's cordless drills. And, at 76,000 bpm in 4th gear, there's nothing like it when it comes to drilling small diameter holes in masonry and concrete.

The QuaDrive PDC 18-4 has our unique FastFix chuck system, so you can change chucks in seconds, without tools. The lightweight CENTROTEC chuck (included) is great for fast bit changes and won't jam when drilling in masonry. The optional angle attachment gives you added versatility - you can drill in wood/metal and secure fasteners in tight spaces. There's also an optional 3/8" square drive available, so you can use it to drive coach screws or tighten nuts and bolts.

The Protool QuaDrive Drills - there's truly nothing else like them!

- fastest cordless hammer drill on the market - speed up to 76,000 bpm
- hammer mode for fast drilling in masonry
- high torque (up to 60Nm in 1st gear) for driving large screws
- CENTROTEC chuck for hassle-free bit changes - ideal for concrete/ masonry
- easily adaptable - suit any on-site drilling and fastening application

Includes: Keyless chuck, CENTROTEC chuck & bit holder, 2 x 2.6 Ah Li-ion battery, charger, side handle

Set version also includes: FastFix angle attachment AU-DRP 16

Specifications

Battery voltage/capacity	18V Li-ion /2.6 Ah
Speed 1st-4th gear	0-400/850/1850/3800 rpm
Impacts/minute	0-8000/17000/37000/76000
Max drill ⌀ in wood/metal/masonry	50/12/10 mm
Torque hard/soft	60/40 Nm
Chuck capacity	1.5-13 mm
Weight (incl. CENTROTEC chuck)	1.9 kg

PDC 18-4 TEC LI	**636 494**
PDC 18-4 TEC LI SET	**636 494S**

Both models come in a Systainer

Drill and fasten drill in difficult-to-access areas.

The PROTOOL CENTROTEC Chuck: compact, light and allows you to change bits in seconds.

Accesso
QuaD Se

Drive coach screws and bolts: 3/8" square drive attachment for sockets

Protool bit-holder sets fit neatly in systainer lid

Protool's unique FastFix chuck system allows quick and easy conversion of the drill to instantly adapt to different applications. Available accessories include: the angle adaptor, the square drive, the CENTROTEC chuck and a full range of CENTROTEC bits.

Unique FastFix Chuck System = quick conve

ete Drilling and Fastening Solution

ries fit all
ries Tools

Telescopic
side handle for
complete control.

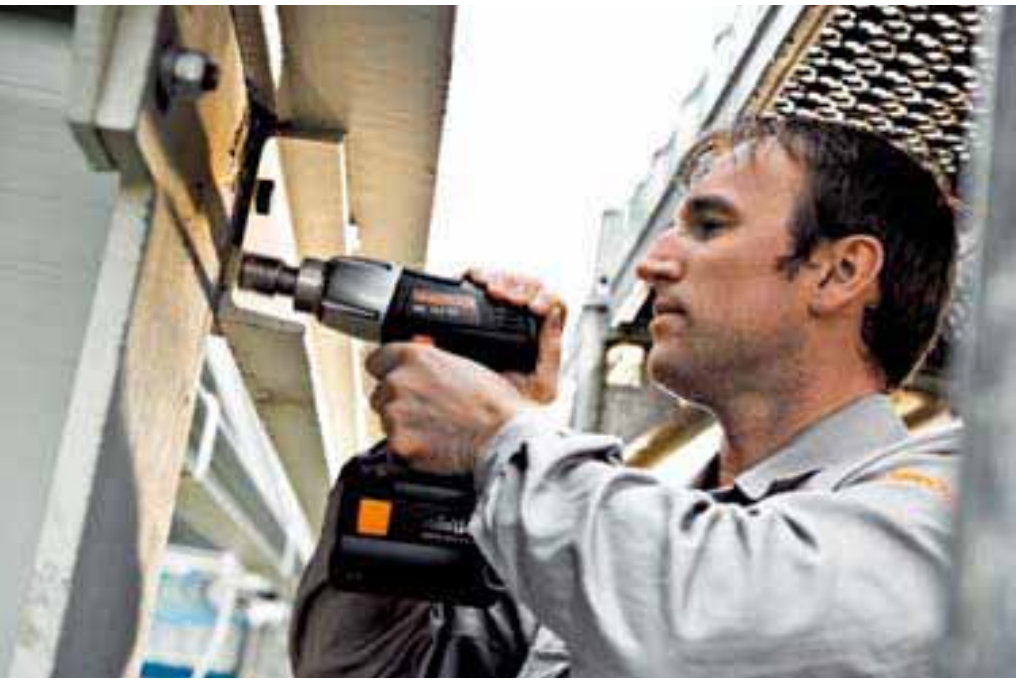
CENTROTEC Systainer
Everything organised
and ready for use.

With this convenient system, you can drill and fasten effortlessly, even in hard-to-reach places without having to change tools.

What's more, the accessories from the Protool cordless range not only fit all DRC and PDC cordless drills, but also the DRP 16 ET FF, providing you with a complete drilling and fastening solution!

rsion to suit a wide variety of applications.

QuaDrive cordless multi-drivers with impact mode



Innovative Multi-drivers

IDC Cordless Drill/Driver/Impact Driver
IWC Cordess Drill/Driver/Impact Wrench

Want to make sure you've always got the right tool? These innovative multi-task tools offer you a unique combination of two drill/drive gears and a high-torque impact mode for effortless fastening of very large fasteners - with no kickback!

With the IDC and IWC, you can do it all: from drilling small diameter holes in wood or steel or driving small gauge screws in wood, to driving large framing fasteners, fastening anchors in concrete or drilling pilot holes in steel for blind rivets - ideal for riggers and trades working with hardwoods.

Using the IDC/ IWC in one of the drill/driver settings along with the CENTROTEC IP chuck and bit system, you can quickly switch between drilling and fastening, so it's perfect for building trades.

In 1st drill/driving gear, the IDC and IWC generate up to 50Nm and 60 Nm of torque respectively. This is suitable for driving medium and large-sized screws.

In 2nd drill/driving gear, the IDC and IWC generate up to 2,000 rpm, an ideal speed for precise drilling in wood.

Built for tough fastening jobs
For high torque fastening jobs, simply switch to impact mode and let the tool do the work, delivering up to 300 Nm of torque (200 Nm for IDC). Yet with all that power, there's no kickback – even when working with one hand, so it's great for use on stepladders.

With the impact mode engaged, wheel nuts and screw anchors can be tightened "rock solid". Stuck screws can be released effortlessly and large coach screws can be easily driven in hardwood.

So, whether you are drilling, screwdriving or securing large fasteners in wood or steel – the concentrated power of the IDC and IWC ensures that even particularly difficult drilling and fastening tasks can be completed without any trouble.

IDC 15-2 TEC LI

Drilling, driving and high-torque fastening - all with one tool

- incredibly versatile: 2 drill/driving gears and a high-torque impact mode
- fast bit changes with the unique CENTROTEC chuck system
- up to 2,000 rpm in 2nd gear for precise drilling
- exceptional impact mode torque - up to 200 Nm for large fasteners
- safe work on ladders, etc. - no recoil in impact mode
- 1/2" square drive interface for impact sockets

Includes: CENTROTEC chuck & bit holder, 2 x 2.6 Ah Li-ion battery, charger

Specifications	
Battery voltage/capacity	14.4V Li-ion 2.6 Ah
Speed (1st/2nd gear)	0-400/2000 rpm
Speed (impact mode)	0-1700 rpm
Impact frequency	0-3400 rpm
Max drill Ø in wood/metal	45/12 mm
Torque hard/soft	55/35 Nm
Torque (impact mode)	200 Nm
Weight (incl. CENTROTEC chuck)	2.1 kg

IDC 15-2 TEC LI in a Systainer **636 496**

IWC 18-2 TEC LI

Effortlessly drive large fasteners and tighten them "rock solid"

- incredibly versatile: 2 drill/driving gears and a high-torque impact mode
- up to 60 Nm torque for fastening medium to large-sized screws
- exceptional impact mode torque - up to 300 Nm to fasten/loosen even the largest screws or nuts
- fast bit changes with the unique CENTROTEC chuck system
- Accepts all CENTROTEC bits
- 1/2" square drive interface for impact sockets

Includes: CENTROTEC chuck & bit holder, 2 x 2.6 Ah Li-ion battery, charger

Specifications	
Battery voltage/capacity	18V Li-ion 2.6 Ah
Speed (1st/2nd gear)	0-400/2000 rpm
Speed (impact mode)	0-1700 rpm
Impact frequency	0-3400 rpm
Max drill Ø in wood/metal	50/12 mm
Torque hard/soft	60/40 Nm
Torque (impact mode)	300 Nm
Weight (incl. CENTROTEC chuck)	2.3 kg

IWC 18-2 TEC LI in a Systainer **636 497**

QuaDrill high-torque, heavy-duty 4-in-1 drill/driving systems

QuaDrill
DRP 16 ET FF

Compact, high torque drill/driver

QuaDrill
DRP 16 ET FF AU

Compact, versatile drill/driver system

DRP 16 ET FF: High Torque, with power for any situation.

The QuaDrill series are a perfect combination of power and versatility.

The DRP 16 drill is designed specifically for on-site trade applications. Its high torque (57 Nm) makes drilling with large auger bits easy. With triple reduction gears in an aluminium alloy housing, the drill is highly durable to last the intense demands of the building site.

The drill can adapt to four different types of applications in seconds with the optional angle attachment. This angle attachment has an integrated 1/4" hex bit holder for fastening applications or it can be used together with the keyless chuck as a high-torque angle drill. Moreover, you can attach an optional CENTROTEC chuck or 3/8" square drive, for even greater drilling and fastening versatility.

The DRP 16 ET FF is also compatible with the range of accessories in the QuaDrive cordless series.
QuaDrill - it's 4 tools in 1!

- ideal for high torque drilling and fastening jobs
- remove FastFix chuck for a light, compact high torque screwdriver
- variable speed to suit a variety of drill bits and materials
- easy bit changes - spindle lock
- 360° telescopic side handle

- ideal for sparkies, plumbers and builders working in confined spaces
- Angle adapter snaps on for angle drilling/ fastening in tight spots
- Angle adapter has integrated 1/4" hex bit holder
- high torque to handle a range of materials and applications
- plug it detachable cord system
- 360° telescopic side handle
- accommodates 3/8" square drive for sockets (sold separately)

Includes: FastFix Keyless chuck, telescopic side handle, drill bit depth gauge.

Includes: FastFix Keyless chuck, telescopic side handle, drill bit depth gauge, angle attachment.

Specifications	
Rated input	760 W
No-load speed	0-840 rpm
Maximum torque	57 Nm
Max drill Ø in steel/al/wood	16/25/45 mm
Chuck capacity	1.5-13 mm
Spindle thread	1/2"-20 UNF
Weight	2.4 kg

Specifications	
Rated input	760 W
No-load speed	0-840 rpm
Maximum torque	57 Nm
Max drill Ø in steel/al/wood	16/25/40 mm
Chuck capacity	1.5-13 mm
Spindle thread	1/2"-20 UNF
Weight	2.6 kg

DRP 16 ET FF in a Systainer **636 826**

DRP 16 ET FF AU in a Systainer **636 830**

The DRP 20 FF QuaDrill series: the innovative super-high torque drilling system.

Protool's DRP 20 FF drills are perfectly suited to demanding construction and engineering work, delivering up to 98 Nm of torque for drilling large diameter holes and driving large fasteners. These rugged tools are built to last, with full-wave electronics to prevent overload and an alloy gear housing. The electronics also protect you from kick-back injury and the telescopic side handle prevents twist injuries during high-torque operation.

The FastFix System sets them apart

Like the DRP 16 FF QuaDrill, it's the FastFix chuck and accessory system that makes these tools truly unique. In a tight spot? Just pop on the angle attachment for easy access anywhere - whether you're drilling or driving large fasteners. Want a lighter, more compact screwdriver? Simply remove the chuck to reveal a ¼" hex recess bit holder. A ½" square drive socket attachment is also available for driving coach screws or running nuts.

Available in single- and two-speed gearbox models, the DRP 20 FF QuaDrill is the only super-torque drill/ driver system you'll need.

QuaDrill
DRP 20 ET FF

Super-high torque drill

- super-high torque and FastFix system solve difficult on-site problems for builders, sparkies and plumbers
- converts to compact screwdriver - easily remove chuck to fasten drirectly using integrated 1/4" hex bit holder
- angle adapter snaps on for angle drilling/ fastening (sold separately)
- accommodates 1/2" square drive for sockets (sold separately)
- robust alloy housing, heavy duty drive spindle and spindle bearings
- forward/reverse rotation

Includes: FastFix keyed chuck with locking device, telescopic side handle, chuck key, drill bit depth gauge.

Specifications	
Power	1100W
No-load speed	0-650 rpm
Max drill ¼in steel/aluminium/wood	20/28/65 mm
Maximum torque	98 Nm
Chuck capacity	3-16 mm
Weight	3.7 kg

DRP 20 ET FF **632 858**

in a carton

QuaDrill
DRP 20-2 E FF

Dual-speed, high-torque drill

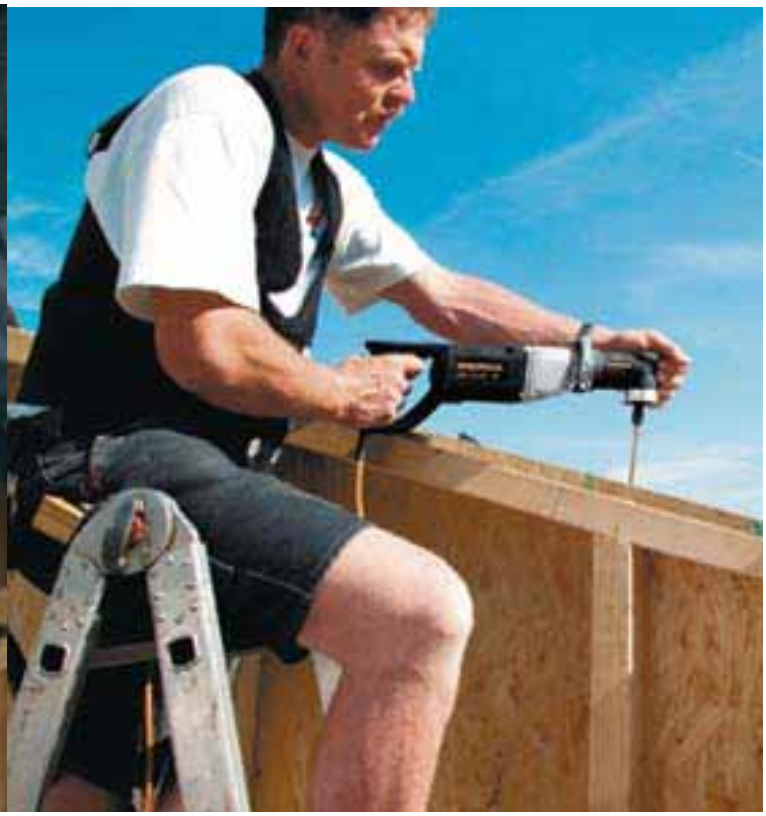
- 2 speed gearbox, exceptional torque and FastFix system - ideal for engineers and building trades
- converts to compact screwdriver - easily remove chuck to reveal 1/4" hex bit holder
- angle adapter snaps on for angle drilling/ fastening in tight spots (sold separately)
- accommodates 1/2" square drive for sockets (sold separately)
- robust alloy housing, heavy duty drive spindle and spindle bearings
- forward/reverse rotation

Includes: FastFix keyed chuck with locking device, telescopic side handle, chuck key, drill bit depth gauge.

Specifications	
Power	1100W
No-load speed 1st/2nd gear	0-1000/1800 rpm
Max drill ¼in steel/aluminium/wood	20/28/50 mm
Maximum torque	62/35 Nm
Chuck capacity	3-16 mm
Weight	3.7 kg

DRP 20-2 E FF **632 860**

in a carton



Built to last a lifetime

Durable die-cast alloy gearbox housing, with precision-engineered bearings for the spindle and gearing shafts, guarantees excellent stability, accurate rotation and long machine life.

Convenient AutoLock automatic drill spindle locking device

Change drill bits, borers or screw-driving bits with only one hand! (Selected models only).

Speed preset switch

Variable speed trigger with speed preset dial let you maintain the perfect speed for the job at hand. Selected models also have a 2-speed gearbox: low gear for high-torque applications and 2nd gear for high speed jobs.

Easy and comfortable to handle

Soft anti-slip rear handgrip ensures a secure and comfortable hold. The 360 degree side handle provides stability to operate from any angle and total control for high-torque applications.

Protool's standard range of electric drill/drivers

DRP 10 EQ

Compact single speed drill for general wood and metal drilling

- high speed for quick, effecient drilling
- variable speed for different materials
- easy centering of holes due to speed preset switch
- compact and ergonomic design
- plug it detachable lead system

Includes: Keyless chuck

Specifications	
Rated input	650 W
No-load speed	0-4000 rpm
Max drill ¼in steel/al/wood	10/12/25 mm
Chuck capacity	1-10 mm
Spindle thread	1/2"-20 UNF
Weight	1.7 kg

DRP 10 EQ **631 183**
in a carton

DRP 13-2 EQ

Power, endurance, and ergonomics with dual speed gears

- robust 2-speed gearbox in durable aluminium-alloy housing
- variable speed for different materials
- forward/reverse rotation for driving and removing fasteners
- plug it detachable lead system

Includes: Keyed chuck, telescopic side handle, chuck key, drill bit depth gauge.

Specifications	
Rated input	760 W
No-load speed	0-1000/3050 rpm
Maximum torque	44/15 Nm
Max drill ¼in steel/al/wood	13/20/45 mm
Chuck capacity	1.5-13 mm
Spindle thread	1/2"-20 UNF
Weight	2.5 kg

DRP 13-2 EQ **631 233**
in a carton

DRP 20 ET

Ultra-high output torque drill

- super-high torque and robust design make it ideal for engineers and builders
- extended lifetime from robust alloy housing, heavy duty drive spindle and spindle bearings
- optimal performance for the selected bit and material ensured with electronic speed control
- forward/reverse rotation for easy tightening and removal of fasteners
- keyed chuck with safety locking device

Includes: Keyed chuck with locking device, telescopic side handle, chuck key, drill bit depth gauge.

Specifications	
Power	1100W
Speed	0-650 rpm
Max drill ¼in steel/al/wood	20/28/65 mm
Maximum torque	98 Nm
Chuck capacity	3-16 mm
Spindle thread	5/8"-16 UN-2A
Weight	3.2 kg

DRP 20 ET FF **633 365**
in a carton

Make an impact with PROTOOL drills

Powerful, Fast, Reliable

The value of a good hammer drill lies in its speed, power and durability. Protool's rugged line of electric hammer drills delivers exceptional value. They're built for speed - at up to 61,000 bpm, there's none faster - and they've got an integrated spindle lock for fast, one-handed bit changes. They're built for construction work, with all metal gearing, precision engineered spindle and die-cast alloy housing and deliver the power professional tradespeople expect from a quality tool. And we back them with a 3-year extended warranty. Get the job done faster - get Protool.

Drilling Performance Comparison

- PROTOOL PDP 20-2 EQ
- Competitor brand A
- Competitor brand B
- Competitor brand C

Faster, Deeper, more Powerful

This drilling test, done in concrete (35 MPa), demonstrates the outstanding performance of the PROTOOL PDP 20 impact drill range. This test was conducted using maximum rpms in the 2nd gear setting, with a carbide tipped 10mm diameter drill bits, at 150N force.

PDP 20-2 EQ

Rugged, reliable performer with 2-speed gearbox

- 2 speed gearbox with variable speed to suit a range of materials
- built to last: with all-metal gearing, alloy gearbox
- forward/reverse rotation for driving and removing fasteners
- heavy-duty drive spindle and spindle bearings
- carbide-metal jawed keyed chuck
- Plug it detachable lead system

Includes: Keyed chuck, side-handle, depth gauge, chuck key.

Specifications	
Power	760W
Speed 1st/2nd gear	0-1100/3050 rpm
Impacts/minute1st/2nd gear	0-22000/61000
Max drill ¼in steel/al/wood	20/13/45 mm
Torque 1st/2nd gear	44/15 Nm
Chuck clamping range	1.5-13 mm
Chuck thread	1/2"-20 UNF
Collar ¼	43 mm
Weight	2.6 kg

PDP 20-2 EQ in a carton **623 102**

PDP 20-2 EAQ-Plus

Fast bit changes with "AutoLock" spindle lock

- multi-functional: hammer drilling, drilling and fastening
- 2-speed gearbox with variable speed to suit a range of materials
- one-handed bit changes - keyless chuck and automatic spindle lock
- built to last: with all-metal gearing, alloy gearbox
- forward/reverse rotation for driving and removing fasteners
- ergonomic rear handle and 360° rotatable side handle
- well protected during transport in a durable, handy Systainer

Includes: Keyless chuck "AutoLock", side-handle, drill bit depth gauge, in a Systainer.

Specifications	
Power	760W
Speed 1st/2nd gear	0-1100/3050 rpm
Impacts/minute 1st/2nd gear	0-22000/61000
Max drill ¼in steel/al/wood	20/13/45 mm
Torque 1st/2nd gear	44/15 Nm
Chuck clamping range	1.5-13 mm
Chuck thread	1/2"-20 UNF
Collar ¼	43 mm
Weight	2.6 kg

PDP 20-2 EAQ-Plus in a Systainer **623 113**

(also can be used with core cutters, not included)

PDP 24-2 EAQ-Plus

Top of the range model with 1100 Watts of pure power

- extra power to do the really tough jobs
- 2-speed gearbox with variable speed to suit a range of materials
- one-handed bit changes - keyless chuck and automatic spindle lock
- built to last: with all-metal gearing, alloy gearbox
- forward/reverse rotation for driving and removing fasteners
- ergonomic rear handle and 360° rotatable side handle
- well protected during transport in a durable, handy Systainer

Includes: Keyless chuck "AutoLock", side-handle, drill bit depth gauge, in a Systainer.

Specifications	
Power	1100W
Speed 1st/2nd gear	0-1100/2800 rpm
Impacts/minute 1st/2nd gear	0-20000/56000
Max drill ¼in masonry/steel/wood	24/16/45 mm
Torque 1st/2nd gear	65/22.5 Nm
Chuck clamping range	1.5-13 mm
Chuck thread	1/2"-20 UNF
Collar ¼	43 mm
Weight	2.8 kg

PDP 24-2 EAQ-Plus in a Systainer **629 506**

PDP 32-2 EQ

Extremely powerful variable speed hammer drill

- designed for heavy duty applications - high torque motor and 2-speed gearbox
- robust design with durable drive spindle and spindle bearings
- variable speed to suit a range of applications
- protects you from twist injury - friction safety clutch
- forward/reverse rotation for driving and removing fasteners
- precision-engineered locking keyed chuck.

Includes: Keyed chuck with clawed jaws and locking device, telescopic side handle, drill bit depth gauge.

Specifications	
Power	1050W
Speed 1st/2nd gear	0-970/1750 rpm
Impacts/minute 1st/2nd gear	0-19400/35000
Max drill ¼in masonry/steel/wood	32/25/35 mm
Crown borer ¼concrete/brick	90/120 mm
Chuck clamping range	3-16 mm
Chuck thread	5/8"-16 UN 2A
Collar ¼	57 mm
Weight	4.1 kg

PDP 32-2 EQ in a carton **622 954**

GDP 320 A
GDP 650 A (above, right)

Precise drill stands which pivot up to 45 degrees

- pivots up to 45 degrees, with centrepoint indicators for perfect alignment
- smooth action due to precision guide rods and slide bearings
- stable operation due to robust baseplate and 3-position side handle
- precise guidance of drill/auger bits with the centering plate
- dual, lockable depth gauges
- dual parallel fences for precise and fast set-up.
- can be used with any drill with a 43/57mm collar

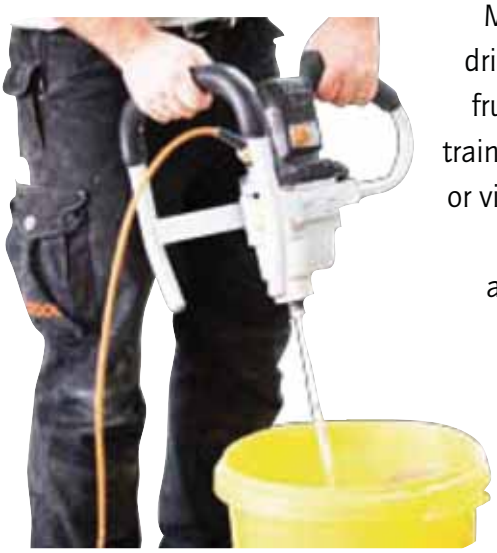
Includes: two depth gauges, two parallel gauges, centering plate for drill bits diameter 8-28 mm, adapter ring diameter 57/43 mm

Specifications	GDP 320A/650A
Base plate	207 x 172 mm
Centering plate for diameter	8, 10, 12, 14, 16, 18, 20, 22, 24, 26 mm
Clamp, attachment collar dia.	57 or 43 mm
Adjustable tilt angle	variable to 450
Adjustable parallel fence	8-190 mm
Drill depth max.	170/470 mm
Drill bit length max.	320/650 mm
Weight	3.3/4.2 kg

GDP 320 A in a carton **621 603**

GDP 650 A in a carton **621 605**

Why burn out your drill? Use a Protool stirrer!



Many tradies use a high torque drill to stir mixtures and are then frustrated when the motor, drive train or housing fail. Stirring heavy or viscous mixtures puts enormous stress on the tool, particularly at start-up, when the mixture is highly irregular in density. The well-engineered Protool stirrer range, is specifically designed to cope with the tough demands of mixing. Keep in mind that proper performance of the material you're mixing depends on on mixing it properly to begin with!

Protool is THE Stirring Specialist

Protool is the only company who provides you with a complete stirring solution: a full range of five stirrers, 8 different types of stirring rods in various sizes – including the unique Projet Uni stirring rod - and the MSP 57 stirring stand for effortless mixing.

The Advantages of Protool

With their unmatched design Protool stirrers are engineered to provide you with two primary benefits – exceptional mixing performance and ergonomics.

The keys to our excellent performance include:

- full-wave electronics which give you
  - no splashing at start-up with Softstart,
  - variable speed to suit the mixture being stirred
  - smooth, consistent stirring due to constant speed under load
  - protection against motor burn-out.
- stirrers with a two speed gear box (selected models) which provide higher torque at low speed for easy, consistent stirring of highly viscous mixtures.

Because stirring is also demanding on you, ergonomics and ease of use are key elements of the Protool range. The unique handle design of our stirrers give you:

- total control of the tool
- Softgrip and large switch for comfortable operation.
- Protection against damage if the tool is dropped.

Stir it up with ease, with PROTOOL mixers/stirrers

(stirring rod not included)

MXP 800 E

Compact, variable speed stirrer for liquid and low viscosity mixing

- ideal for painters - perfect for those who work with liquids or other light mixtures of low viscosity
- easy to handle - light-weight and compact design
- built to last - robust alloy-housing and protection against motor burn-out
- no-splash mixing - soft-start and proper speed for mixing
- consistent results - keeps the speed you set all the time

Includes: 22 mm spanner (stirring rod not included)

Specifications	
Rated input	780 W
No-load speed	340 – 900 rpm
Spindle with female thread	M14
Collar ¼	43 mm
Max. ¼stirrer rod	120 mm
Weight	3.2 kg

MXP 800 E **622 298**
in a carton

(stirring rod not included)

MXP 1000 EQ

Robust electronic variable speed "all rounder" stirrer

- ideal for tilers/flooring trades - handles a wide range of mixtures from low to medium viscosity
- safe and balanced control - unique, comfortable handle
- built to last - robust alloy-housing and protection against motor burn-out
- no-splash mixing - soft-start and proper speed for mixing
- consistent results - keeps the speed you set all the time

Includes: 22 mm spanner (stirring rod not included)

Specifications	
Rated input	950 W
No-load speed	260 – 700 rpm
Spindle with female thread	M14
Collar ¼	57 mm
Max. ¼stirrer rod	120 mm
Weight	4.3 kg

MXP 1000 EQ **623 070**
in a carton

(stirring rod not included)

MXP 1202 E

High-torque stirrer with 2-speed gearbox for heavy mixtures

- ideal for renderers/masons - powerful 1200w stirrer, perfect for mixing heavy mixtures of high viscosity
- 2-speed gearbox - use low gear for the power to do the tough jobs
- designed for total control - unique handle for stable operation
- no splash mixing- soft-start and proper speed for mixing
- consistent results - keeps the speed you set all the time

Includes: 22 mm spanner (stirring rod not included)

Specifications.	
Rated input	1200 W
No-load speed 1st gear	150-300 rpm
No-load speed 2nd gear	300-650 rpm
Spindle with female thread	M14
Collar ¼	57 mm
Max. ¼stirrer rod	140 mm
Weight	6.1 kg

MXP 1202 E **621 943**
in a carton

Stir it up with ease, with PROTOOL mixers/stirrers

(stirring rod not included)

MXP 1602 E

1500W, high-torque stirrer with 2-speed gearbox for very heavy, viscous mixtures

- ideal for concrete trades/ landscapers - super-powerful 1500w stirrer for mixing very heavy mixtures of very high viscosity
- 2 speed gearbox - use low gear for the power to do the tough jobs
- protection from damage - unique handle design protects the motor when accidentally dropped
- smooth start-up - soft-start and proper speed for mixing
- consistent results - keeps the speed you set all the time

Includes: 22 mm spanner (stirring rod not included)

Specifications.

Rated input	1500 W
No-load speed 1st gear	150-300 rpm
No-load speed 2nd gear	300-650 rpm
Spindle with female thread	M14
Collar ¼	57 mm
Max. ¼stirrer rod	160 mm
Weight	6.8 kg

MXP 1602 E in a carton **621 941**

MXP 1602 E DUO

Specialist high-torque stirrer delivers more thorough stirring action

- high torque dual-speed gears, designed for heavy or high- viscosity mixtures.
- dual rods for fast results
- consistent results - keeps the speed you set all the time
- smooth start-up - prevents splashing
- electronic excess torque protection, prevents motor damage
- thermal overload protection
- Fast-fix system for changing rods

Includes: 22 mm spanner

Specifications.

Rated input	1500 W
No-load speed 1st gear	100-250 rpm
No-load speed 2nd gear	130-350 rpm
FastFix Spindle attachment	
Collar ¼	57 mm
Max. ¼stirrer rod	2 x 160 mm
Weight	7.9 kg

MXP 1602 E DUO in a carton **619 788**

• stirrer, clamp and tub not included

MSP 57

Stirrer stand, for effortless and perfect stirring

- easily disassembled for transport
- robust zinc-coated steel construction
- easily change the height and horizontal adjustment
- easily attach the stirrer without tools, even with a rod fixed
- large wheels for portability
- safety switch allows instant shut-off

Includes: Stirrer stand with safety switch, 4 m power lead.

Specifications

Stirrer attachment	57 mm
Length x Width	950 x 550 mm
Height adjustment range	1000-1520 mm
Max. ¼mixture container	400 mm
Weight	30 kg

MSP 57 in a carton **619 505**

Choose the Right Rod for:

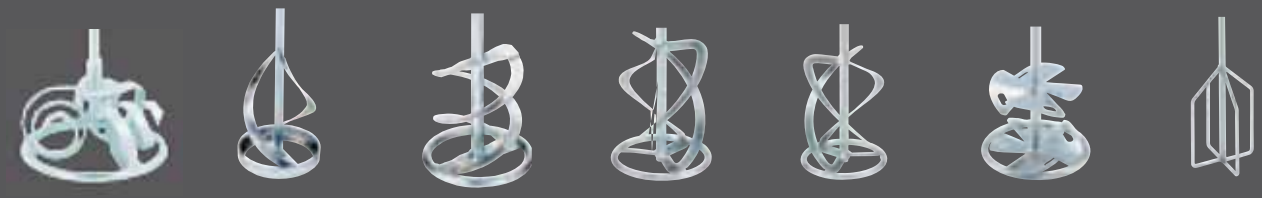
- Minimal Effort
- Efficient Mixing Process
- Professional Results

Protool ProJet Uni

The most versatile stirring rod for quick, time-saving and intensive mixing.

Using the turbine principle, ProJet Uni creates powerful, dynamic flow, preventing trapped air and foam formation.

Protool Mixing Rods For Every Application



Type:	ProJet Uni	RS 2	HS 2	HS 3R	HS 3L	WS	CS
Diameters (mm):	140,160,180	85,100,120	85,120,140,160	120,140,160	120,140,160	120,140, 160	120
Material	Unique all-rounder	Splash-free liquid mixing	Thorough mixing of heavy compounds	Thorough mixing of heavy compounds	Splash-free liquid mixing	Splash-free liquid mixing	Bubble-free mixing of compounds
Paints	•	•			•	•	
Two-pack paints	•	•			•	•	
Lacquers	•	•			•	•	
Wallpaper Paste	•	•			•	•	
Glues	•	•			•	•	•
Sealing Compounds	•	•			•	•	
Joint Compound	•		•				•
Filling Compounds	•		•	•			•
Plaster	•		•	•			•
Leveling Compounds	•		•	•			•
Tile Adhesives	•		•	•		•	•
Epoxy Resins	•			•			
Mortar	•		•	•			
Concrete				•			

Concrete renovation grinding systems

Compact and Versatile.
The advantages of the RGP 3 are many, and not only in corners. The compact, lightweight design provides extra benefits, particularly when working on vertical surfaces or overhead. It's ideal for restoration of concrete balconies, plinths, stairs and walls.

Optimum results.
With a complete range of grinding heads, the PROTOOL RGP 80 and RGP 150 renovation grinders offer optimal problem solutions for all milling and grinding applications.

Speed control.
The very low melting point of some material coatings lead to clogging of abrasives. The RGP 80 and RGP 150 are fitted with speed control electronics, making removal of paints, graffiti and coatings fast and easy.

Vibration dampening.
The tool head is fitted with a flexible coupling so that the spindle of the grinder is separated from the tool head. This system decreases workload impacts, both on the machine and the user, which means easier work, quieter operation, longer machine lifetime and lower maintenance costs.

RGP 80-8 E-Plus

Concrete renovation grinder ideal for resurfacing walls, columns and small floors

- powerful 750W motor for fast resurfacing of concrete, masonry and brick surfaces
- consistent results - MMC electronics provide constant speed under load, soft start and thermal overload protection
- maintains a clean worksite - excellent dust extractionwhen used with a Protool extractor
- fast, easy and accurate depth adjustment
- spindle lock for fast, easy replacement of grinding discs

See table on page 23 for guidance on selecting the proper grinding head for your application.

Includes: Set of grinding discs, Torx wrench, VibraStop side handle, in a Systainer.

Specifications	
Rated input	750 W
No-load speed	1800 - 5000 rpm
Grinding disc ¼	80 mm
Spindle thread	2 x M5
Extraction port ¼	36 mm
Weight	3.7 kg

RGP 80-8 E SZ-Plus*	**610 434**
RGP 80-8 E FZ-Plus	**610 435**
RGP 80-8 E DIA Hard-Plus	**610 436**
RGP 80-8 E DIA Abrasive-Plus	**610 437**
RGP 80-8 E HW Coarse-Plus	**610 449**
RGP 80-8 E HW Fine-Plus	**610 450**

all models come in a Systainer

RGP 3 HW-Plus
RGP 3 DIA-Plus

Concrete renovation grinder for effortless grinding in corners and along edges

- powerful 750W motor for fast resurfacing of concrete, masonry and brick surfaces
- 3 counter-rotating grinding discs enable easy access to tight spots. Removable guard for grinding right up against walls, step risers, etc.
- maintains a clean worksite - excellent dust extractionwhen used with a Protool extractor
- spindle lock with Torx screws for fast, easy replacement of grinding discs

See table on page 23 for guidance on selecting the proper grinding head for your application.

Includes: Set of grinding discs, Torx wrench, VibraStop side handle, in a Systainer.

Specifications	
Rated input	750 W
No-load speed	18,500 rpm
Grinding disk ¼	35/44 mm
Spindle thread	M4 LH
Dust-extraction attachment ¼	27 mm
Weight	3.5 kg

RGP 3 HW-Plus	**622 312**
RGP 3 DIA-Plus	**622 313**

all models come in a Systainer

Restoration grinders

RGP 150-15 E-Plus

150mm diameter concrete restoration grinder for large surfaces

- powerful 1500W motor for fast resurfacing of concrete, masonry and brick surfaces
- consistent results - constant speed under load, soft start and thermal overload protection
- maintains a clean worksite - excellent dust extractionwhen used with a Protool extractor
- fast, easy and accurate depth adjustment
- tether eyebolt for safety, support when resurfacing walls
- Guide system for ergonomic sanding of floors (sold separately)

- See table on page 23 for guidance on selecting the proper grinding head for your application.

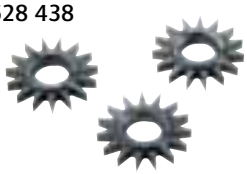
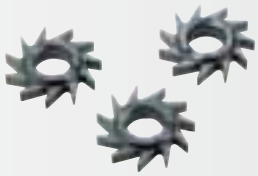
Includes
Grinding head, spanner, VibraStop side handle, in a Systainer.

Specifications	
Rated input	1500 W
No-load speed	1000 - 2 200 rpm
Grinding disc ¼	150 mm
Drive shaft	D 14 mm / M6
Extraction port ¼	36 mm
Weight	5.2 kg

RGP 150-15 E SZ-Plus	**626 378**
RGP 150-15 E FZ-Plus	**626 379**
RGP 150-15 E PZ-Plus	**626 380**
RGP 150-15 E DIA-Plus	**626 381**
RGP 150-15 E HW-Plus	**626 382**

all models come in a Systainer

Application	Finish
• Aggressive resurfacing and removing adhesives from **cured concrete** and hard plaster	**Coarse** Type: SZ
• Aggressive resurfacing and removing adhesives from **green concrete** and soft plaster	**Smooth** Type: FZ
• Aggressive resurfacing and removing adhesives from **cured concrete** and hard plaster	**Very Coarse** Type: PZ
• Resurfacing and removal of formwork marks from **cured concrete** and hard plaster	**Coarse** Type: DIA-Hard
• Removal/resurfacing of **green concrete**, sandstone, soft plaster, tile adhesives etc. • Grinding cement screed	**Smooth** Type: DIA-Abrasive
• Removal of elasticised coatings and adhesives from **cured concrete** and hard plaster	**Coarse** Type: HW-Coarse
• Removal of elasticised coatings and adhesives from filling compounds, soft plaster. • Smoothing concrete, sandstone, soft plaster etc	**Smooth** Type: HW-Fine

RGP 80 complete cutting head	RGP 80 replacement cutting wheel	RGP 3 cutting wheel	RGP 150 cutting head	RGP 150 replacement cutting wheel
624 434	628 438 		626 365	626 370
628 435	628 439 		626 366	626 371
			626 367	626 372
628 436	628 440	614 230	636 834	636 831
628 437	628 441	616 505	636 832	636 833
630 449	630 451	614 231	626 369	626 374
630 450	630 452	614 249		

Dust extraction

VCP 260 E-L
VCP 260 E-L LLF Set

Heavy duty extractor for concrete and masonry dust, with Press & Clean System

- ideal for extracting dust from drilling, cutting, or grinding concrete, masonry, plaster, etc.
- high performance 2-speed turbine
- adjust suction level to suit the application
- reduce downtime - easy to use Press & Clean system instantly cleans main filter
- float valve for automatic shut-off when extracting liquids
- auto start/stop with connected power tool
- antistatic hose
- main filter resists clogging, PET material ensures long service life
- LLF version features heavy-duty pre-filter for bagless operation when extracting high volumes of concrete dust

Includes: ¼27mm x 3.5 m antistatic hose, filter bag.

LLF Set version also includes: long-life prefilter and basic cleaning kit

Specifications	
Rated input	1200 W
Cubic flow	3600 l/min
Maximum vacuum	23000Pa
Container capacity	27 l
Max. wattage of connected tool	1200 W
Length of lead	7.5 m
Weight	10 kg

VCP 260 E-L **627 234**

VCP 260 E-L LLF Set **290 239**

both models come in a carton

VCP 450 E-L
VCP 450 E-L LLF Set

Heavy duty 45L extractor for concrete and masonry dust, AutoClean System

- ideal for extracting dust from drilling, cutting, or grinding concrete, masonry, plaster, etc.
- high performance 2-speed turbine
- adjust suction level to suit the application
- no downtime - AutoClean system automatically and continually cleans main filter during use
- float valve for automatic shut-off when extracting liquids
- auto start/stop with connected power tool
- antistatic hose
- PET main filter resists clogging
- LLF version features heavy-duty pre-filter for bagless operation when extracting high volumes of concrete dust

Includes: ¼36mm x 3.5 m antistatic hose, filter bag.

LLF Set version also includes: long-life prefilter and basic cleaning kit

Specifications	
Rated input	1200 W
Cubic flow	3600 l/min
Maximum vacuum	23000Pa
Container capacity	45 l
Max. wattage of connected tool	1200 W
Length of lead	7.5 m
Weight	14 kg

VCP 450 E-L **626 820**

VCP 450 E-L LLF Set **290 439**

both models come in a carton

VCP 700 E-L

70 litre capacity for large volumes of dust, AutoClean System

- ideal for extracting dust from drilling, cutting, or grinding concrete, masonry, plaster, etc.
- high performance 2-speed turbine
- adjust suction level to suit the application
- no downtime - AutoClean system automatically and continually cleans main filter during use
- float valve for automatic shut-off when extracting liquids
- auto start/stop with connected power tool
- antistatic hose
- main filter resists clogging, PET material ensures long service life
- easy to move, with large castors and handle
- easy emptying of container – tilt mechanism

Includes: ¼36mm x 3.5 m antistatic hose, filter bag.

Specifications	
Rated input	1200 W
Cubic flow	3600 l/min
Maximum vacuum	23000Pa
Container capacity	70 l
Max. wattage of connected tool	1200 W
Length of lead	7.5 m
Weight	27 kg

VCP 700 E-L **632 719**

These heavy-duty dust extractors are specifically designed to cater to your renovation and restoration requirements.

When working with renovation grinders, large quantities of dust is created in a short period of time, causing health hazards and difficulty for cleaning up. With the VCP restoration dust extractors, this issue is resolved easily.

These versatile extractors are suited to plaster, concrete, screed and stone dust. The anti-static features and in-built cleaning systems makes extraction easy, effective and efficient - protecting your health while making for a safer, cleaner jobsite.

The dumping of large quantities of dust from extractors is made simple with extra convenience. Simply remove the sealed filter bag , replace with a new bag, and you're ready to use the powerful extractor for the next job.

Dust extraction

PET Filters, Anti-adherent.
PET filters are anti-adherent so they're easy to clean. Simply clean the filter cartridge with water or a soft brush.

Incredible capacity.
Don't let their size fool you - these compact extractors fill up to 99% of the filter bag/container volume. That's about 35% more dust than conventional vacuums of the same volume. So you'll need to empty them less often, saving you time, mess and money.

Compact, portable.
Compact construction, large castors, ergonomic handle and cable holder for easy transport.

Antistatic package.
The PROTOOL Antistatic package, with discharge contacts in the hose and on the extractor, eliminate static charge from accumulated dust (VCP 321 only).

Easy maintenance and disposal.
The filter bag has 2-ply walls so it stands up to heavy dust and debris. Replacement of filter bag is easy; the closure cap on the bag assures clean and safe replacement.

See your PROTOOL distributor for details on optional accessories and consumables including filter bags and filters, cleaning sets and hoses.

VCP 170 E
VCP 170 E Set

Compact dust extractor for heavy-duty work in industrial/commercial application

- wet/dry extraction - for dust extraction and site clean-up
- maximum use of filter bag capacity
- added convenience - auto on/off with connected power tool
- powerful turbine delivers high performance extraction
- rolls easily, even on bumpy surfaces - large castors with stable steel axle and steering rollers
- easy to transport - light and compact, easily fits in a ute
- ergonomic handle for easy transportation
- electronic liquid level gauge shuts off extractor when full
- filter cartridges designed to last - dirt-resistant PET fleece

Includes: 2-ply filter bag, ¼27mm x 3.5m hose

Set version also includes: cleaning set 630448

Specifications	
Rated input	1200 W
Cubic flow	3000 l/min
Underpressure	20000Pa
Vessel capacity	17 l
Filter bag capacity	4600 cm2
Wall socket max.	2400 W
Length of lead	5.5 m
Weight	8.5 kg

VCP 170 E	**633 562**
VCP 170 E SET	**293 562**

VCP 321 E-L
VCP 321 E-L Set

Versatile, compact dust extractor, ideal for building sites

- wet/dry extraction - for dust extraction and site clean-up
- maximum use of filter bag capacity
- adjustable suction control to suit different applications
- convenient - auto on/off with connected power tool
- zero static charge on the machine or suction hose due to antistatic package
- wheels with locking brake provide stability when using the extractor
- 7.5 m lead and a 3.5 m hose for a large operating radius
- electronic liquid level gauge shuts off extractor when full
- filter cartridges designed to last - dirt-resistant PET fleece

Includes: 2-ply filter bag, ¼27mm x 3.5m antistatic hose

Set version also includes: cleaning set 630448

Specifications	
Rated input	1200 W
Cubic flow	3000 l/min
Underpressure	20000Pa
Vessel capacity	32 l
Filter bag capacity	3600 cm2
Wall socket max.	2400 W
Length of lead	7.5 m
Weight	9.3 kg

VCP 321 E-L	**633 578**
VCP 321 E-L SET	**293 578**

An angle grinder for every application

AGP 115

Compact 4-1/2" angle grinder, ideal for small jobs on site

- fast disc changes - made easy with the spindle lock
- ergonomic design for safe and effective operation
- adjustment of disc guard requires no tools
- sliding on/off switch, safety feature
- total control: 3 position side handle

Includes: flange set, disc guard, spanner, side handle.

Specifications	
Rated input	800 W
No-load speed	10000 rpm
Disc	115 mm
Spindle thread	M14
Weight	2.0 kg

The AGP 125 + AGP 150 Grinder Range

Protool AGP 125 and AGP 150 angle grinders are equipped with a longlife motor package specially developed to extend the service life of the grinder.

Digital electronics:

Added Safety from Kick-Back Stop
The machine instantly shuts off if the disc jams to protect you from kick-back

Consistent Results
The grinder works at the speed you set all the time, even under heavy load

Reliable and Effective Operation
Gradually increases speed at start-up for greater safety and more effective grinding

Electronics for Longer Service Life
continuous monitoring of operating temperature for an extended service life

Safety Switch
After a power interruption, the tool must be manually restarted to ensure safety

AGP 115 in a carton **586 447**

AGP 125-11 D

Tradies' favourite - powerful, lightweight 5" angle grinder

- powerful 1100W motor for demanding use on-site
- safe operation - Kickback Stop and thermal overload protection protect you and your investment
- easy to handle - compact and lightweight, with slender grip and 3-position side handle
- soft start up and constant RPM under load to ensure smooth, consistent performance
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- tool-less adjustment of disc guard

Includes: flange set, disc guard, spanner, side handle.

Specifications	
Rated input	1100 W
No-load speed	10500 rpm
Disc	125 mm
Spindle thread	M14
Weight	2.2 kg

AGP 125-11 D **633 962**
in a carton

AGP 125-14 D

High powered 5" grinder - ideal for engineers, fabricators

- 1400W of power to handle the tough cutting/ grinding jobs in the workshop or on-site
- safe operation - Kickback Stop and thermal overload protection protect you and your investment
- soft start up and constant RPM under load
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- Tool-less disc change with FastFix nut
- easy to handle - compact and lightweight, with slender grip and 3-position VibraStop side handle

Includes: FastFix nut, backing flange, disc guard, VIBRASTOP side handle.

Specifications:	
Rated input	1400 W
No-load speed (AGP 125-14 D)	11000 rpm
Disc diameter	125 mm
Spindle thread	M14
Weight	2.3 kg

AGP 125-14 D **633 966**
in a carton

AGP 125-14 DE

Variable speed 5" grinder for metal finishing trades

- ideal cutting speed for all applications and constant RPM under load
- 1400W of power to handle the tough cutting/ grinding jobs
- safe operation - Kickback Stop and thermal overload protection protect you and your investment
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- Tool-less disc change with FastFix nut
- easy to handle - soft start up, compact and lightweight, with slender grip and 3-position VibraStop side handle

Includes: FastFix nut, backing flange, disc guard, VIBRASTOP side handle.

Specifications	
Rated input	1400 W
No-load speed (AGP 125-14 DE)	3500 - 11000 rpm
Disc diameter	125 mm
Spindle thread	M14
Weight	2.3 kg

AGP 125-14 DE **633 969**
all in a carton

An angle grinder for every application

The Sensation of

AGP 150-16

Lightweight, easy to control 6" Mid/heavy-duty angle grinder

- powerful 1600W motor for medium to heavy duty grinding and cutting
- safe operation - Kickback Stop and thermal overload protection protect you and your investment
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- easy to handle - soft start up, compact and lightweight, with slender grip and 3-position VibraStop side handle

Includes: flange set, disc guard, spanner, VIBRASTOP side handle.

Specifications	
Rated input	1600 W
No-load speed	10000 rpm
Disc diameter	150 mm
Spindle thread	M14
Weight	3.0 kg

AGP 150-16
in a carton **632 888**

AGP 150-16 AB FF

Fully Loaded 6"Mid/heavy-duty angle grinder with AutoBalance

- powerful 1600W motor for medium to heavy duty grinding and cutting
- safe operation - Kickback Stop and thermal overload protection
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- Tool-less disc change with FastFix nut
- easy to handle - soft start up, light, with 3-position VibraStop side handle
- AutoBalance - unique system reduces vibration by up to 50%, increases disc life by up to 30%

AB version with AutoBalance system

Includes: AutoBalance unit, FastFix nut, backing flange, disc guard, VIBRASTOP side handle.

Specifications	
Rated input	1600 W
No-load speed	10000 rpm
Disc diameter	150 mm
Spindle thread	M14
Weight	3.1 kg

AGP 150-16 AB FF
in a carton **633 691**

Working with large grinders is demanding, strenuous and sometimes dangerous work. With Protool's unique AutoBalance feature you'll work more safely and minimise your exposure to vibration-related injury. A concept that's so simple it's brilliant, the AutoBalance unit counteracts the forces that cause vibration when cutting or grinding.

Grinding is tough enough when you're doing it - why bring it home with you? Stop that tingling, numb feeling that grinder vibration can cause - get a Protool grinder with VibraStop side handle - you'll be glad you did!

AutoBalance

The benefits for you:

- **work faster:**
  increases efficiency by up to 30%
- **save money:**
  extends disc life by up to 35%
- **stay healthy:**
  reduces vibration and risk of injury
- **lasts longer:**
  extends the service life of the tool

Feel the sensation - AutoBalance

The benefits for you:

- **feel normal, not numb:**
  reduces vibration by up to 30%
- **better results:**
  less vibration equals better control

AGP 230-22

Heavy-duty, multi-purpose angle grinder for jobs needing extra power

- powerful 2200W motor for heavy duty grinding and cutting
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- easy to handle - soft start up, 3-position VibraStop side handle

Includes: flange set, disc guard, spanner, VIBRASTOP side handle.

Specifications	
Rated input	2200 W
No-load speed	6500 rpm
Disc diameter	230 mm
Spindle thread	M14
Weight	5.6 kg

AGP 230-22 **619 685**

AGP 230-22 AB

Heavy-duty, multi-purpose angle grinder with AutoBalance for added safety

- powerful 2200W motor for heavy duty grinding and cutting
- AutoBalance - unique system is safer, reduces vibration by up to 50%, increases disc life by up to 30%
- built to last: motor, switches and electronics are fully sealed against abrasive dust infiltration
- easy to handle - soft start up, 3-position VibraStop side handle

AB version with AutoBalance system

Includes: AutoBalance unit, flange set, disc guard, VIBRASTOP side handle.

Specifications	
Rated input	2200 W
No-load speed	6500 rpm
Disc diameter	230 mm
Spindle thread	M14
Weight	5.7 kg

AGP 230-22 AB
all in a carton **624 566**

Ezi-Shear

Protool's unique cutter

Cutting sheet metal is easy-as with Protool's DRP 10 Ezi Shear
This fast, powerful shear is ideal for roofing and engineering trades.

It delivers fast, clean cuts in steel, aluminium and stainless steel. The cast cutting jaws and alloy gear housing are extremely durable for long life.

The Ezi Shear is also light and well-balanced for one-handed use.

Ezi Shear DRP 10 E

Fast-cutting shears, ideal for roofers, engineers

- fast, versatile powershears cut aluminium, steel and stainless steel sheet
- powerful 650W PROTOOL drive unit
- Australian-made cutting head
- built to last, with metal gearing, precision-engineered ball bearings and aluminium-alloy gear housing
- easy, one-handed operation due to lightweight, ergonomic design
- 3-year warranty on drive unit, 6 month warranty on shears/cutter

Delivered with Ezi Shear head fitted on DRP 10 E drive unit

Specifications	
Rated input	650 W
Cutting capacity, mild steel	1.6 mm
Cutting capacity, st/steel	1.2 mm
Cutting capacity, alum	2.2 mm
Weight (pre-assembled ezi shear)	2.62 kg

Ezi Shear DRP 10 E **P28 030**
in a carton

SGP 30-8 E

Lightweight long-reach straight grinder

- long-neck to easily reach confined areas
- suitable for a variety of applications - electronic speed control
- accommodates a wide variety of burrs, points, cutting wheels, flap disks, etc. with 3 mm, 6 mm, 8 mm and 1/4" shank diameter (optional collets required).
- bench mounting option with 43 mm diameter collar

Includes: 1/4" Collet, 2 spanners

Specifications	
Rated input	740 W
No-load speed	13000-31000 rpm
Collet O	1/4"
Collar O	43 mm
Weight	1.5 kg

SGP 30-8 E **624 990**
in a carton

A better cut with PROTOOL circular saws and guide rails

CSP 85 EB

Tough, powerful circular saw with 85mm cutting depth

Protool's Specialty Carpentry saws:

Massive capacity for special applications
With a cutting depth of up to 165mm and massive power output, this range of carpentry saws let you tackle the biggest cuts in a single go. They're ideal for cutting large framing timber, sleepers, insulating panels even Hebel block.

Rail guidance - fast, precise and safe
These saws are designed to glide easily on guide rail, ensuring straight cuts, even in tough hardwoods. The handy parallel fence also doubles as a baseplate extension for extra support.

Versatility.
The unique design of the CSP 132 allows for easy conversion to a notcher and rafter seat cutter (kits sold separately).

Benefit From Powerful Electronics
- Soft start ensures smooth start-up and added safety; prevents kick-back
- Easy to control at start-up with soft start
- Consistent performance with constant saw blade speed
- Adjust cutting speed for different materials and applications – variable speed control
- Increased safety - protection against kickback
- Prevents overheating of motor - automatic shut down when motor gets too hot with thermal overload protection

- soft-start ensures smooth start-up and prevents kickback
- spindle lock, for fast saw blade change
- precise guide system provided by large base-plate
- accurate adjustment for mitre-cutting to 45°
- drive spindle with triple bearings
- double attachment parallel rip fence

Includes: Carbide-tipped saw blade, chip deflector, spanner

FS version also includes: 1400mm guide rail

Specifications	
Rated input	1800 W
Max. cutting depth at 90°	85 mm
Bevel cutting range	0 – 45°
Cutting depth at 45°	62 mm
No-load speed	1800-3800 rpm
Saw blade dimensions	240 x 30 / 2.8 mm
Weight	8.9 kg

CSP 85 EB	**617 236**
CSP 85 EB-FS	**617 236F**

Both models come in a carton.

Circular saws

CSP 132 E

Multi-purpose, large depth cut circular saw

- soft-start ensures smooth start-up and prevents kickback
- spindle lock, for fast saw blade change
- precise guidance provided by large base-plate
- electro-dynamic rundown brake
- accurate adjustment for bevel cutting up to 60°
- absolute control with rear pistol grip
- functions as hand-held notcher or rafter seat cutter with optional accessory kits (sold separately)

Includes
Carbide-tipped 24-tooth saw blade, rip fence combined with guide plate extension, 10 m power cord; 1500mm guide rail (FS version only)

Specifications

Rated input/Rated voltage	2 300 W / 230 V
Cutting depth for 90° 50	132 mm
Cutting depth for 45°/60°	85/50 mm
Mitre cutting angle 0 . 60°	
Rated speed (no-load)	2200 rpm
Saw blade size	350 x 30 / 3.5 mm
Weight	18 kg

CSP 132 E **624 345**

In a carton

CSP 165 E

Powerful, robust saw with automatic lifting and 165mm cutting depth

- MMC electronics, constant speed under load - keeps the speed you set
- soft-start ensures smooth start-up
- electronic overload protection, prevents kickback, motor damage
- precise guide system provided by large base-plate
- electro-dynamic rundown brake
- easy to use - automatic lifting device
- trouble-free retraction control of the blade guard, aids bevel cutting process
- elastic-polymer coupling in gears.

Includes
Carbide-tipped 28-tooth saw blade, rip fence combined with guide plate extension, 10m power cord; 1500mm guide rail (FS version only)

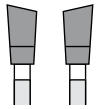
Specifications

Rated input / Rated voltage	2800 W/230 V
Cutting depth for 90°	95 – 165 mm
Cutting depth for 45°/60°	124/86 mm
Mitre cutting angle	0 - 60°
Rated speed (no-load)	3100 rpm
Saw blade size	420 x 30 / 3.6 mm
Weight	22 kg

CSP 165-E **617 238**
CSP 165-E-FWF **617 239**

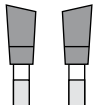
Both models come in a carton

Circular saw blades



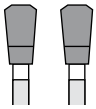
Zig-zag teeth

Description	Type		Order no.
Standard For soft and hard wood, chipboard and fibreboard, cement-bonded chipboard, plasterboard, soft plastics; good cutting quality.	160 x 2.5 x 20 mm	HW Z 18 WZ	**614 111**
	190 x 2.6 x 30 mm	HW Z 18 WZ	**614 116**
	240 x 2.8 x 30 mm	HW Z 22 WZ	**617 569**
	350 x 3.5 x 30 mm	HW Z 24 WZ	**624 460**
	380 x 3.2 x 30 mm	HW Z 28 WZ	**617 573**
	420 x 3.6 x 30 mm	HW Z 28 WZ	**617 575**



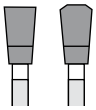
Zig-zag teeth

Super Cut For laminated or veneered chipboard, blockboard, glued wood, plywood, plexiglass; clean cutting.	160 x 2.5 x 20 mm	HW Z 48 WZ	**614 113**
	190 x 2.6 x 30 mm	HW Z 48 WZ	**614 117**
	240 x 2.8 x 30 mm	HW Z 48 WZ	**617 570**



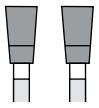
Trapezoidal teeth

Gladiator For construction wood, sheathing boards, wood with nails and remains of concrete.	160 x 2.5 x 20 mm	HW Z 14 TR	**614 181**
	190 x 2.6 x 30 mm	HW Z 16 TR	**614 189**



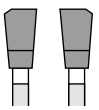
Trapezoidal flat teeth

Special Alloys For nonferrous metals, aluminium profiles, materials bonded with phenol resins (Resopal, Resitex, Werzalit etc), fibre-reinforced plastics.	160 x 2.5 x 20 mm	HW Z 48 TFZ	**614 106**
	190 x 2.6 x 30 mm	HW Z 54 TFZ	**614 118**
	240 x 2.8 x 30 mm	HW Z 80 TFZ	**617 571**



Flat teeth

Sprinter For quick parallel cutting in soft or hard wood, designed particularly for rip cutting; quick cutting with less feed force needed thanks to the straight teeth and large spaces for chip discharge.	160 x 2.5 x 20 mm	HW Z 10 FZ	**614 180**
	190 x 2.6 x 30 mm	HW Z 12 FZ	**614 188**
	240 x 2.8 x 30 mm	HW Z 18 WZ	**617 572**
	350 x 3.5 x 30 mm	HW Z 24 WZ	**624 461**
	380 x 3.2 x 30 mm	HW Z 24 WZ	**617 574**
	420 x 3.6 x 30 mm	HW Z 24 WZ	**617 576**



Zig-zag trapezoidal teeth

Special Sandwich For sandwich-type insulation panels with aluminium skin up to 2mm thick. Overall panel thickness up to 160mm.	350 x 3.2 x 30	HW Z 108 TFZ	**624 462**
For sandwich-type panels as above with steel skin up to 2mm thick	420 x 2.6 x 30 mm	HW Z 72 FWF	**617 577**

PROTOOL®

Your Protool distributor:

3-Year Warranty
All Protool power tools come with 12 months warranty, extended to 3 years simply by completing and returning the 2+1 Warranty Form that comes with every new tool and returning it to Protool within 30 days of the purchase date. Your Protool distributor will be happy to assist you with this. You will receive a warranty registration certificate that will cover warranty repairs, parts and labour, should the tool require them, for 3 years from the date of purchase. Terms and conditions for Protool's 2+1 Warranty, maintenance manual and so on are included together with each tool; please read all manuals and service information.

Rapid, Quality Service
Protool's optimum level of technology and quality is matched by the highest quality of customer service, with parts and repairs at competitive prices. Protool Service Partners are provided with regular service plus spare parts information on CD-ROM to ensure an efficient after-sales service for customers.

Quotations supplied
Protool will automatically send you a detailed quotation should repair costs total 50% or more of the initial cost of the tool. Quotations can also be supplied on request if a tool is returned for repair appraisal. All this forms part of Protool's After-Sales Service and is free of charge.

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